Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 02 Oct 2023 until 23:59 on Tuesday 03 Oct 2023

Forecast Issued on Monday 02 Oct 2023 at 03:21

Confidence: Medium due to movement and position of a waving weather front during Monday.

Headline for Monday 02 Oct 2023: Bright start for most, then clouding over with outbreaks of rain and drizzle arriving in early afternoon.

Mountain weather hazards on Monday 02 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
20%	40%	70%	70%	60%	70%

Forecast for Monday 02 Oct 2023

Weather: A bright start to Monday morning with some sunshine in places. Cloud increasing and thickening through the morning with outbreaks of rain arriving from the south and west by early afternoon. The rain becoming heavier and perhaps persistent at times through the afternoon and evening.

Chance of cloud-free hill tops above 600m: 70%, but 30% early and late in the day.

Low cloud and visibility: Occasional or patchy cloud around the tops, mainly early and late in day. Visibility mostly good, but moderate, possibly poor in heavier rain, and very poor in any cloud covering the tops.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 02 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/19 SW	14/18 SW	12/15 SW	8/11 SW	6/8 NW	4/6 W	8/10 N
300	10/16 SW	9/11 SW	7/10 SW	4/6 SW	4/5 N	4/5 NW	6/8 NW
Valley	5/14 SW	6/11 SW	5/10 SW	4/7 W	4/6 N	2/4 W	4/8 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/7	10/8	10/8	9/8	9/8	8/6
300	12/10	12/10	13/12	12/11	11/10	11/10	10/9
Valley	12/11	13/12	14/13	12/12	11/11	11/11	10/10
Freezing Level*	3100m	3000m	3000m	2800m	2800m	2700m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some uncertainty in rain details due to slow moving, waving weather front.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 02 Oct 2023	N/A	N/A	N/A

Forecast for Tuesday 03 Oct 2023

Weather: Cloudy and wet start to Monday night with rain affecting much of the Park. This clearing from the west around midnight with a few showers following in the early hours. Occasional summit cloud and blustery showers during daylight hours on Tuesday with some drier and brighter spells. Some rather heavy showers are likely with low chance of lightning.

Maximum wind: Westerly 30mph with gusts reaching 40-45mph.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Occasional or extensive cloud, base near or above the tops. Visibility good or very good, falling moderate or poor in showers and any summit cloud.

Temperature: **Valleys:** Plus 9 degrees Celsius rising to plus 16 degrees Celsius.
At 600m: Plus 6 degrees Celsius rising to plus 10 degrees Celsius.
Freezing level: Above the summits.

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